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Page 1 of 1

Process for preparing unsymmetric 'after-cyclopentadiene' catalyst for polymerization of high-molecular olefine

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Abstract of CN1306013

An unsymmetric high-molecular transition metallocene catalyst for polymerizing olefine is composed of components A and B. Said component A is [P(S-co-cat)], where P is copolymer, S is polystyrene, co is copolymerization, and Cat is the unsymmetric "after-cyclopentadiene" catalyst, which is the ligand compound prepared from neutral trident nitrogen ligand containing single olefin group and metal M. Said component B is methyl aluminoxane or pentafluorophenyl boron. Its advantages are high catalytic activity and no inorganic ash in resultant polymer.

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